

**Refine Search****Search Results -**

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KR-2003047672-A.did.	0

Database: **US Pre-Grant Publication Full-Text Database**  
**US Patents Full-Text Database**  
**US OCR Full-Text Database**  
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**Derwent World Patents Index**  
**IBM Technical Disclosure Bulletins**

Search: L10

<input type="button" value="Recall Text"/>	<input type="button" value="Clear"/>	<input type="button" value="Refine Search"/>
<input type="button" value="Interrupt"/>		

**Search History**

DATE: Monday, January 08, 2007    [Purge Queries](#)    [Printable Copy](#)    [Create Case](#)

Set Name side by side	Query	Hit Count	Set Name result set
<i>DB=EPAB; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L10</u>	KR-2003047672-A.did.	0	<u>L10</u>
<u>L9</u>	CN-1393358-A.did.	0	<u>L9</u>
<u>L8</u>	BR-200202330-A.did.	0	<u>L8</u>
<i>DB=JPAB; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L7</u>	JP-2003095045-A.did.	1	<u>L7</u>
<i>DB=EPAB; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L6</u>	EP-1273478-A2.did.	1	<u>L6</u>
<u>L5</u>	DE-20110339-U1.did.	0	<u>L5</u>
<i>DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L4</u>	6995687	2	<u>L4</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L3</u>	(parking\$ with aid\$ with big\$ with lorry\$)	1	<u>L3</u>
<u>L2</u>	emmert and (parking with aid with for with big with lorry)	0	<u>L2</u>
<i>DB=PGPB,USPT,DWPI; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L1</u>	emmert and "parking aid for big lorry"	0	<u>L1</u>

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L3: Entry 1 of 1

File: DWPI

Feb 7, 2006

DERWENT-ACC-NO: 2002-714739

DERWENT-WEEK: 200611

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**TITLE:** Parking assistance system for use in large commercial vehicles has sensor on rear end of vehicle connected to display unit on dashboard in cab

**INVENTOR:** EMMERT, H; HELLER, U ; LANG, H ; WITZKE, M

**PATENT-ASSIGNEE:** LANG-MEKRA NORTH AMERICA LLC (LANGN), MEKRA LANG GMBH & CO KG (MEKRN), EMMERT H (EMMEI), HELLER U (HELLI), LANG H (LANGI), WITZKE M (WITZI)

**PRIORITY-DATA:** 2001DE-2010339 (June 22, 2001)

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**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <a href="#">US 6995687 B2</a>	February 7, 2006		000	G08G001/00
<input type="checkbox"/> <a href="#">DE 20110339 U1</a>	October 24, 2002		014	B60R001/00
<input type="checkbox"/> <a href="#">EP 1273478 A2</a>	January 8, 2003	G	000	B60Q001/48
<input type="checkbox"/> <a href="#">US 20030025596 A1</a>	February 6, 2003		000	B60Q001/00
<input type="checkbox"/> <a href="#">JP 2003095045 A</a>	April 3, 2003		005	B60R021/00
<input type="checkbox"/> <a href="#">BR 200202330 A</a>	April 15, 2003		000	B60Q009/00
<input type="checkbox"/> <a href="#">CN 1393358 A</a>	January 29, 2003		000	B60Q001/22
<input type="checkbox"/> <a href="#">KR 2003047672 A</a>	June 18, 2003		000	B60Q005/00

**DESIGNATED-STATES:** AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

**APPLICATION-DATA:**

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 6995687B2	May 16, 2002	2002US-0147383	
DE 20110339U1	June 22, 2001	2001DE-2010339	
EP 1273478A2	June 21, 2002	2002EP-0013814	
US20030025596A1	May 16, 2002	2002US-0147383	
JP2003095045A	June 24, 2002	2002JP-0182427	
BR 200202330A	June 20, 2002	2002BR-0002330	
CN 1393358A	June 21, 2002	2002CN-0124381	
KR2003047672A	June 14, 2002	2002KR-0033215	

INT-CL (IPC): B60Q 1/00; B60Q 1/22; B60Q 1/48; B60Q 5/00; B60Q 9/00; B60R 1/00;  
B60R 1/12; B60R 11/02; B60R 21/00; G03B 15/00; G08G 1/00; H04N 7/18

ABSTRACTED-PUB-NO: DE 20110339U

BASIC-ABSTRACT:

NOVELTY - The vehicle (1) has a distance sensor (3) on the rear bumper. It may be a video camera, a radar set or sonar equipment. The sensor is connected to the display unit (2) in the cab by a radio link, which may enable different tractor units to be used with different trailers or semitrailers. Digital data transmission is used.

USE - Parking aid for big lorry.

ADVANTAGE - Sensor at rear and display in cab are connected only via digital radio link, allowing different cabs to be used with different trailer without connecting and disconnecting conductor wires.

DESCRIPTION OF DRAWING(S) - The drawing shows a side view of the lorry.

Commercial vehicle 1

Display unit in the cab 2

Distance sensor 3

ABSTRACTED-PUB-NO: DE 20110339U

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/1

DERWENT-CLASS: P82 Q16 Q17 W06 X22

EPI-CODES: W06-A04; W06-A05; W06-A06; X22-J05A; X22-J05B; X22-J05C; X22-P05B;

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1. Document ID: [EP 1273478 A2](#)

L6: Entry 1 of 1

File: EPAB

Jan 8, 2003

PUB-NO: EP001273478A2

DOCUMENT-IDENTIFIER: [EP 1273478 A2](#)

TITLE: Parking aid for a vehicle

PUBN-DATE: January 8, 2003

**INVENTOR-INFORMATION:**

NAME	COUNTRY
LANG, HEINRICH	DE
WITZKE, MICHAEL	DE
EMMERT, HARALD	DE
HELLER, UWE	DE

**ASSIGNEE-INFORMATION:**

NAME	COUNTRY
MEKRA LANG GMBH & CO KG	DE

APPL-NO: EP02013814

APPL-DATE: June 21, 2002

PRIORITY-DATA: DE20110339U (June 22, 2001)

INT-CL (IPC): B60Q 1/48

EUR-CL (EPC): B60R001/00

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Searches</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Drawn De</a>
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Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: JP 2003095045 A

L7: Entry 1 of 1

File: JPAB

Apr 3, 2003

PUB-NO: JP02003095045A

DOCUMENT-IDENTIFIER: JP 2003095045 A

TITLE: PARKING SUPPORT EQUIPMENT FOR AUTOMOBILE

PUBN-DATE: April 3, 2003

INVENTOR-INFORMATION:

NAME	COUNTRY
HENRICH, LANG	
WITZKE, MICHAEL	
EMMERT, HARALD	
HELLER, UWE	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
MEKRA LANG GMBH & CO KG	

APPL-NO: JP2002182427

APPL-DATE: June 24, 2002

PRIORITY-DATA: 2001DE-20110339 (June 22, 2001)

INT-CL (IPC): B60R 21/00; B60R 1/00; B60R 1/12; B60R 11/02; G03B 15/00; H04N 7/18

ABSTRACT:

PROBLEM TO BE SOLVED: To provide parking support equipment for an automobile.

SOLUTION: The parking support equipment for an automobile is provided with a detecting part for detecting a backward situation of the automobile and information supplying part separately supplied from the detecting part. In the information supplying part, when the signal relating the backward situation of the automobile is transmitted from the detecting part into the information supplying part via a wireless, a driver is informed of the backward situation of the automobile.

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